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To: Distribution

Subj: NAVAL AIR STATION ALAMEDA PROGRESS REVIEW MEETING MINUTES

Encl: (1) Progress Review Meeting Minutes of June 30, 1993  
(2) Progress Review Meeting Minutes of July 28, 1993

1. Enclosures (1) and (2) provide the minutes of our Progress Review meetings held on June 30, 1993 and July 28, 1993 at the Naval Air Station Alameda and the Department of Toxic Substances Control office in Berkeley, respectively.

2. If you have any questions, please contact either Mr. Gary J. Munekawa, Code T4E2GM, (415) 244-2524 or Mr. George Kikugawa, Code T4E2GK, (415) 244-2559.

Original signed by

MARCELO G. PASCUA  
By direction

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**MONTHLY PROGRESS REVIEW MEETING MINUTES  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)  
ALAMEDA NAVAL AIR STATION  
(Held at Building 114, Alameda Naval Air Station)**

June 30, 1993

**Attendees:**

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
Tom Lanphar	Dept. Toxic Substances Control (DTSC)	(510) 540-3809
Chein Kao	DTSC	(510) 540-3822
James Nusrala	Regional Water Quality Control Board	(510) 286-0301
Ken Leung	Montgomery Watson	(510) 975-3460
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Mike Petouhoff	Naval Air Station (NAS) Alameda	(510) 263-3726
Amelia Duque	NAS Alameda	(510) 263-3715
Roger Caswell	Naval Aviation Depot	(510) 263-6241
Duane Balch	PRC Environmental Management, Inc.	(916) 852-8300
Marcelo Pascua	U.S. Navy, Western Div. (WESTDIV)	(415) 244-2522
Gary Munekawa	WESTDIV	(415) 244-2524

**AGENDA ITEMS:**

**I. Responses to Comments - Phases 2B and 3 Field Sampling Plan**

- DTSC comments on the draft field sampling plan (FSP) for the follow-on work, Phases 2B and 3 were received by the Navy on June 10, 1993. The Navy indicated that it would provide its responses to the DTSC by July 21, 1993.

**II. Responses to Comments - Phases 5 and 6 Field Sampling Plan**

- DTSC and RWQCB comments on the draft field sampling plan for the follow-on work, Phases 5 and 6 (the landfill sites) were received by the Navy on June 11, 1993. The Navy indicated that it would provide its responses to the DTSC and RWQCB by July 21, 1993.

**III. Responses to Comments - Phases 1 and 2A Data Summary Report**

- Navy stated that it had completed contracting activities to allow for the completion of responses to comments on the Phases 1 and 2A data summary report (DSR). Response to comments will be submitted to the DTSC and RWQCB by July 28, 1993.

**IV. IMF Site Removal Action**

- The Navy said it had initiated contracting activities towards implementing an interim removal action at the IMF site. Navy discussed how it intended to use Navy Public Works Center personnel under supervision of the PRC team to perform the excavation work. Navy expects to award contract to perform the removal action by July 13, 1993.

- Navy stated that it would provide an implementation work plan for agency review by August 3, 1993, and mobilize to the field (begin excavation) by mid-August.

**V. Sites 7A and 15 Interim Removal Actions**

- Navy continued contracting activities for implementing engineering evaluations/cost analyses (EE/CA) for interim removal actions at Sites 7A (the Naval Exchange service station) and at Site 15 (a former transformer storage area). Navy expects to negotiate and award contracts for these actions by late August-early September.

**VI. CTO 0252 for the Building 5 Plating Shop Site Investigation**

- Navy completed negotiations for performing the remaining site investigative work required at the Site 5 plating shop (CTO 0252) on June 29, 1993. Navy indicated that they expected to award this CTO in July or August.

**VII. Federal Facilities Site Remediation Agreement (FFSRA)**

- Navy distributed to the DTSC a working draft copy of the proposed Federal Facilities Site Remediation Agreement (FFSRA) for NAS Alameda. Navy indicated its desire to incorporate a Site Management Plan (SMP) as part of the FFSRA in order to better reflect the uncertainty of the timing of targeted activities to be performed beyond the next two years.

- Mr. Chein Kao of the DTSC initially stated his preference that the SMP be left out of the proposed FFSRA, then later indicated that he would be conferring within DTSC for comments on using an SMP as part of an FFSRA. He also stated that the Canonic-generated RI/FS schedule indicated reaching a base-wide record of decision (ROD) in 1994, and that he would need the Navy's reasons for the change to the schedule that will be submitted as part of the FFSRA and need to know what new accelerated actions will occur.

- A brief discussion was held concerning incorporating RI/FS sites into larger operable units for accelerating future remedial actions, such as at the landfill sites. Navy stated that it was currently prioritizing its RI/FS sites for future work, including the upcoming removal actions at the IMF site, and at Sites 7A and 15. As part of that prioritization the Navy indicated it would consider the formation of operable units if such an action would allow for the accelerated cleanup and closure of a group of impacted sites.

- General discussions about future reuse of NAS Alameda (NAS Alameda is proposed for closure under the 1993 Base Realignment and Closure [BRAC] action) centered on making sure that the community is actively involved early on in the process, and about Navy's intent to comply with the Community Environmental Response Facilitation Act (CERFA). Lt. Mike Petouhoff indicated that the

NAS Alameda Environmental Affairs Office was cognizant of the CERFA requirements and that the Navy was looking into appropriate responses and opportunities to involve the public.

- Other related discussion concerned DTSC desire to provide for the integration of RCRA Part B corrective actions into the FFSRA. This relates to the recent decision by to DTSC (June 24, 1993) to grant a Part B RCRA permit to the facility. Navy indicated that it was already reviewing its RCRA sites with respect to ongoing activities at the RI/FS study sites.
- A tentative meeting was set for July 27, 1993, at the DTSC office in Berkeley to discuss the FFSRA in general and to talk about the primary and secondary documents and deliverable schedule (this meeting was later moved to July 19, 1993).

#### **VIII. RI/FS Schedule**

- No further revisions to the draft RI/FS schedule have been made since the May 12, 1993, progress review meeting. In light of efforts to enter into an FFSRA with the State, it was determined that this activity will continue as part of generation of the FFSRA.

#### **IX. Phase 2A Follow-on Field Sampling Plan**

- Navy awarded the contract for preparation of the Phase 2A FSP (CTO 0121 Modification 02) on June 11, 1993. Navy told the DTSC and RWQCB that the target date for getting a draft Phase 2A FSP to them was now August 17, 1993.

#### **X. RI/FS Work Plan Revision**

- The RI/FS Work Plan Revision is nearing completion. Navy submitted portions of the revised health and safety plan to the Naval Environmental Health Center in Virginia for their concurrent review. NEHC comments are expected in mid-July.

#### **XI. Status of Ecological Assessment**

- The Navy indicated that field sampling activities were nearing completion and that the bioassay work on previously collected samples was continuing. Work was begun on generation of the draft ecological assessment report.

#### **XII. Other Issues**

- The next progress review meeting is scheduled for July 28, 1993, at the DTSC office in Berkeley at 0900.

**MONTHLY PROGRESS REVIEW MEETING MINUTES  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)  
ALAMEDA NAVAL AIR STATION  
(Held at the DTSC Office, Berkeley, California)**

July 28, 1993

**Attendees:**

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
Tom Lanphar	Dept. Toxic Substances Control (DTSC)	(510) 540-3809
Joesph Chou	DTSC	(510) 540-3830
James Nusrala	Regional Water Quality Control Board	(510) 286-0301
Ken Leung	Montgomery Watson	(510) 975-3460
Randy Cate	Naval Air Station Alameda	(510) 263-3716
Rudy Pontemayor	Naval Aviation Depot	(510) 263-6120
Duane Balch	PRC Environmental Management, Inc.	(916) 852-8300
Gary Munekawa	U.S. Navy, Western Div. (WESTDIV)	(415) 244-2524
George Kikugawa	WESTDIV	(415) 244-2559

**AGENDA ITEMS:**

**I. Federal Facilities Site Remediation Agreement (FFSRA) - Site Management Plan (SMP)**

- Navy previously met with the DTSC on July 19, 1993, to discuss the proposed Federal Facilities Site Remediation Agreement (FFSRA) for NAS Alameda. As a result of that meeting, Mr. Tom Lanphar distributed a copy of a suggested outline for a Site Management Plan (SMP) to be incorporated into the FFSRA. Navy indicated that it would review the DTSC outline for the SMP. The SMP as proposed included a two-year schedule with firm target/deliverable dates, and a five-year schedule with target goals for future work and deliverables. Also discussed was the integration of future RCRA Part B corrective actions into the proposed FFSRA.
- A brief discussion was held concerning incorporation of RI/FS sites into larger operable units for the purpose of possibly accelerating future remedial actions. General discussions focused on identifying operable units based on geographic, contaminant, or remedial action similarities.
- Navy stated that it had recently met to discuss potential remedial actions at each site, and had begun evaluating those areas or sites with common contaminants and common remedial approach opportunities that might logically become operable units under the FFSRA.

**II. IMF Site Removal Action - Progress Update**

- Navy awarded the contract for implementation of the IMF removal action on July 9, 1993. Discussion of the general approach ensued, and it was agreed that additional sampling would be done

beyond the walls of the proposed excavation should the screening samples show lead levels at or below 100 milligrams per kilogram (mg/kg) during the first phases of confirmatory soil sampling (within 30 feet of the HLA boring B-7). One shallow hand-augered boring per excavation wall (four total) would be placed five feet beyond the excavation wall for confirmation soil sampling.

- Copies of the draft implementation work plan for the removal action will be submitted to DTSC and RWQCB by August 3, 1993. A meeting was planned for August 6, 1993, at DTSC, to discuss any changes to the work plan prior to starting the field work. Navy Public Works Center personnel under supervision of the Navy's CLEAN program contractor will perform the excavation work. Navy expects field activities to begin on or about August 16, 1993.
- Contracting issues related to sending the lead-affected soils to either a recycler, or to a disposal facility were discussed. As of July 27, 1993, Gibson Oil Refining in Bakersfield, California, declined to handle the excavated soils. Due to the lead time required to formally contract for a disposal firm, issues concerning holding investigation-derived wastes at the site longer than 90 days were also discussed. Mr. Lanphar indicated that an extension could be obtained as necessary (within reason) to facilitate Navy contracting timeframes.

### **III. Responses to Phases 2B and 3 Field Sampling Plan**

- Responses to DTSC comments on the draft field sampling plan (FSP) for the follow-on work, Phases 2B and 3 were submitted to the DTSC and RWQCB on July 21, 1993. DTSC comments on Navy responses were briefly discussed, including relocating a boring near Site 5 to evaluate the elevated presence of 1,1,1-Trichloroethane, and placement of additional monitoring well north of Building 12.
- The DTSC and Navy agreed to deliver the draft final Phases 2B and 3 FSP by September 22, 1993.

### **IV. Responses to Phases 5 and 6 Field Sampling Plan**

- Responses to DTSC and RWQCB comments on the draft field sampling plan for the follow-on work, Phases 5 and 6 (the landfill sites) were submitted by the Navy on July 21, 1993. Mr. James Nusrala indicated that the RWQCB would not require complete characterization within the landfill sites themselves.
- As a compromise the RWQCB requested that Navy further investigate the hydrogeology along the perimeter of the landfills. Specifically, the RWQCB would like to have cone penetrometer tests (CPT), Hydropunch water samples, and soil samples collected from the base of the second water-bearing zone and from within the second aquitard underlying the second water-bearing zone.

- Navy agreed to provide the RWQCB and DTSC with a revised sample location map for the landfills within two weeks, and to be prepared to discuss it on August 24, 1993, allowing for incorporation of any changes prior to distributing the draft final Phases 5 and 6 FSP by September 22, 1993.

**V. Responses to Phases 1 and 2A Data Summary Report**

- Navy response to comments were submitted today to the DTSC and RWQCB at this progress review meeting. Mr. Tom Lanphar indicated that he would provide a review by week's end prior to departure on his six-week leave of absence. Mr. Joseph Chou will be the DTSC point-of-contact during Mr. Lanphar's absence, and will notify the Navy when the comments are reviewed and acceptable for inclusion into the final Phases 1 and 2A DSR.

**VI. Sites 7A and 15 Interim Removal Actions**

- Navy continued contracting activities for implementing engineering evaluations/cost analyses (EE/CA) for interim removal actions at Sites 7A (the Naval Exchange service station) and at Site 15 (a former transformer storage area). Navy expects to negotiate the contract for these actions by August 20, 1993, with award in mid-September.
- Possible field screening techniques for use at Site 15 (PCBs in soils) were discussed, and Joseph Chou provided a copy of vendor-supplied literature on a field screening kit by Millipore Corporation. Navy indicated that it would research alternative testing methods for initial field screening which would be followed by confirmatory sampling when the removal action is implemented.

**VII. CTO 0252 for the Building 5 Plating Shop Site Investigation**

- Navy completed negotiations for performing the remaining site investigative work required at the Site 5 plating shop (CTO 0252) on June 29, 1993. Navy indicated that they expected to receive funding authorization from Naval Aviation Depot contract personnel by week's end. Award of this CTO will likely occur then by mid-August.

**VIII. RI/FS Schedule**

- The last updated version of the draft RI/FS schedule was submitted at the May 12, 1993, progress review meeting. As a schedule is prepared for incorporation into the upcoming FFSRA, its discussion will henceforth be covered under the FFSRA subheading.

**IX. Phase 2A Follow-on Field Sampling Plan**

- Work continues on the generation of the draft Phases 2A FSP. Navy told the DTSC and RWQCB that the revised target date for getting a draft Phase 2A FSP to them was still August 17, 1993.

**X. RI/FS Work Plan Revision**

- The RI/FS Work Plan Revision will be completed by September. Navy received comments on the revised health and safety plan from the Naval Environmental Health Center in Virginia, and incorporation of appropriate comments is being performed.

**XI. Status of Ecological Assessment**

- Field sampling activities were completed in early July and that work was continuing on generation of the draft ecological assessment report.

**XII. Other Issues**

- The next progress review meeting is scheduled for September 22, 1993, Building 114, NAS Alameda at 0900.